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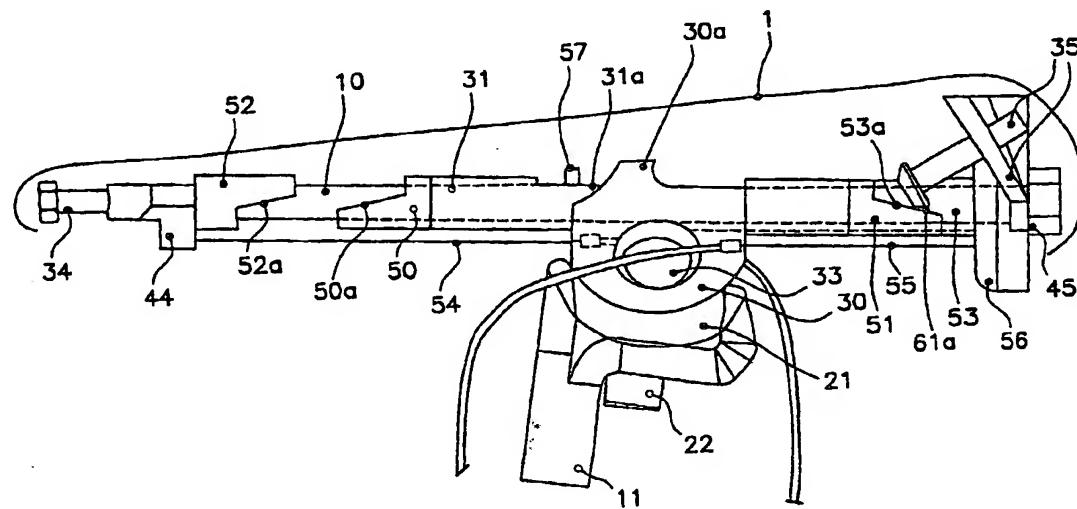
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(54) Title: SEAT FOR A TWO-WHEELED VEHICLE



(57) Abstract: A seat for two-wheeled vehicles, such as bicycles, motorcycles and scooters, comprising a relatively soft saddle support (1) to bear the rider and a supporting structure (2, 3, 4 and 5) of the saddle support by means of which the support is connected to the seat-carrying upright (11) of the vehicle. Between the supporting structure and the upright of the vehicle there is provided a longitudinal pin (10) around whose longitudinal axis the relatively soft support can oscillate, whereas between the pin and the supporting structure there are provided means of blocking the oscillation of said pin. In particular, there are provided means for regulating the amplitude of the oscillation around the axis of the pin.

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INTERNATIONAL SEARCH REPORT

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IPC 7 B62J1/04 B62J1/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 091 016 A (OREN GIDEON ; RABINOVITZ NOAH (IL)) 12 October 1983 (1983-10-12) page 4, line 19 - line 21; figures 1-3 ---	1,2,4
A	US 6 056 356 A (UNGER JR JOSEPH F) 2 May 2000 (2000-05-02) column 3 -column 4; figures 1-6 ---	14
X	US 5 048 891 A (YACH THOMAS L) 17 September 1991 (1991-09-17) column 5 -column 12; figures ---	1,2,5
A	US 5 048 891 A (YACH THOMAS L) 17 September 1991 (1991-09-17) column 5 -column 12; figures ---	1-6,8
A	FR 2 478 009 A (PERACHE ROBERT) 18 September 1981 (1981-09-18) the whole document ---	1,4,5,14
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
Category	Citation of document, with indication, where appropriate, of the relevant passages	
A	US 5 921 624 A (WU CHIN-CHANG) 13 July 1999 (1999-07-13) the whole document ---	1,2,14
A	AT 41 144 B (TICHY FERDINAND) 25 February 1910 (1910-02-25) the whole document ---	1,5
A	DE 41 39 284 A (MENZE SEN HEINRICH) 3 June 1993 (1993-06-03) the whole document ---	1,6
A	GB 516 832 A (DUNLOP RUBBER CO; HENRY FRANCIS RYAN) 12 January 1940 (1940-01-12) the whole document ---	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP/03/00440

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0091016	A 12-10-1983	AR 229729 A1 AU 1321383 A BR 8301703 A EP 0091016 A2 ES 281821 U JP 58180388 A ZA 8301737 A		31-10-1983 13-10-1983 13-12-1983 12-10-1983 16-04-1985 21-10-1983 30-11-1983
US 6056356	A 02-05-2000	AU 745487 B2 AU 5772799 A CA 2339754 A1 CN 1094445 B EP 1104380 A1 JP 2002522297 T WO 0009386 A1		21-03-2002 06-03-2000 24-02-2000 20-11-2002 06-06-2001 23-07-2002 24-02-2000
US 5048891	A 17-09-1991	DE 69031041 D1 DE 69031041 T2 EP 0498837 A1 WO 9106444 A1		14-08-1997 19-02-1998 19-08-1992 16-05-1991
FR 2478009	A 18-09-1981	FR 2478009 A1 IT 1141334 B		18-09-1981 01-10-1986
US 5921624	A 13-07-1999	NONE		
AT 41144	B 25-02-1910	NONE		
DE 4139284	A 03-06-1993	DE 4139284 A1 WO 9311026 A1 DE 59202958 D1 EP 0569570 A1 JP 6506648 T		03-06-1993 10-06-1993 24-08-1995 18-11-1993 28-07-1994
GB 516832	A 12-01-1940	NONE		